


# TITLE V PERMIT TO OPERATE A CLASS I AIR CONTAMINANT SOURCE

	<b>Lincoln-Lancaster County Health Department</b> Environmental Public Health Division Air Quality Program 3140 N Street Lincoln, Nebraska 68510 Phone: (402) 441-8040      Fax: (402) 441-3890	Judith A. Halstead, MS Health Director  Scott E. Holmes, REHS, MS Environmental Public Health Division Manager  Chris Schroeder, MCRP Air Quality Program Supervisor
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LLCHD Air Quality Program Source Number:	00132
Effective Duration of Permit:	
Effective Date:      05 – 15 – 2015 <small>MM-DD-YYYY</small>	Expiration Date:      06 – 01 – 2020 <small>MM-DD-YYYY</small>


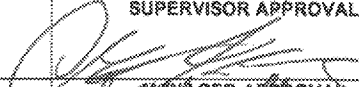

**A Title V Permit to Operate a Class I Source is Hereby Issued to the Following:**

Permit Holder Name:	Kawasaki Motors Manufacturing Corp., U.S.A. (KMM)
Address:	P.O. Box 81469
City, County, State, ZIP:	Lincoln, Lancaster County, Nebraska 68501


**This Permit is Issued for Operation of the Following Source:**

Facility Site Name:	Kawasaki Motors Manufacturing Corp., U.S.A. (KMM)
Facility Address:	6500 NW 27 <sup>th</sup> Street (Rail Car Facility) 6600 NW 27 <sup>th</sup> Street (Consumer Products)
City, County, State, ZIP:	Lincoln, Lancaster County, Nebraska 68524
Facility NAICS:	336999: All Other Transportation Equipment Mfg. 336612: Boat Building 336510: Railroad Rolling Stock Manufacturing

**Environmental Public Health Division / Air Quality Program Recommendation:**

Permit Writer:   Air Quality Program Supervisor:   Environmental Public Health Division Manager:	<input checked="" type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance  <input checked="" type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance  <input checked="" type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	PERMIT WRITER APPROVAL   SUPERVISOR APPROVAL   MANAGER APPROVAL 
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**Health Director / Air Pollution Control Officer Authorization:**

<b>ACTION TAKEN:</b>  <input checked="" type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	Date <u>6-1-15</u>	 Judith A. Halstead, MS Health Director
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**Permitted Source:**

For the purposes of this operating permit, the following emission units, and any emission units included in Attachment A of this permit that are added subsequent to the issuance of this permit that do not require permitting in accordance with Article 2, Sections 17 and/or 19 of the Lincoln-Lancaster County Health Department Air Pollution Control Program Regulations and Standards (LLCAPCPRS), comprise the 'Permitted Source':

Emission Unit (EU) #	Source Classification Code (SCC) #	Emission Point Description	Emission Segment Description
001-01	3-09-001-98	Metal Fabrication	General Processes
002-01	3-09-002-08	Wheelabrator in Frame Welding Area	Shot Blasting
002-02	3-09-005-00	Frame Welding	Welding – General
002-03	3-09-999-93	Frame Welding Chemical Use	Misc. Industrial Processes
003-01	3-09-001-98	Fuel Tank Metal Fabrication	General Processes
003-02	3-09-005-00	Fuel Tank Welding	Welding – General
003-03	3-09-999-93	Fuel Tank Fabrication Chemical Use	Misc. Industrial Processes
004-01	3-09-001-98	Metal Wheel Fabrication	General Processes
004-02	3-09-005-00	Wheel Welding	Welding – General
004-03	3-09-999-93	Wheel Fabrication Chemical Use	Misc. Industrial Processes
005-01	4-02-025-02	Frame E-Coat Chemical Use	Cleaning / Pre-Treatment
005-02	4-02-025-32	Frame E-Coat Chemical Use	Conveyor Single Dip
006-01	4-02-025-02	Wheel E-Coat Chemical Use	Cleaning / Pre-Treatment
006-02	4-02-025-32	Wheel E-Coat Chemical Use	Conveyor Single Dip
007-01	4-02-025-02	Mule E-Coat Chemical Use	Cleaning / Pre-Treatment
007-02	4-02-025-32	Mule E-Coat Chemical Use	Conveyor Single Dip
008-01	4-02-025-02	Blackline Pre-Treatment Chemical Use	Cleaning / Pre-Treatment
009-01	4-02-025-33	Blackline Finishing Chemical Use	Conveyor Single Spray
010-01	4-02-999-98	Colorline Finishing Chemical Use	Miscellaneous
011-01	4-02-999-98	Clearline Finishing Chemical Use	Miscellaneous
012-01	3-09-999-93	RUV Assembly Line Chemical Use	Misc. Industrial Processes
013-01	3-09-999-93	Mule Assembly Line Chemical Use	Misc. Industrial Processes
014-01	3-09-999-93	ATV Assembly Line Chemical Use	Misc. Industrial Processes
015-01	3-08-007-99	Jet Ski Mfg. Chemical Use – Molding	Fiberglass Resin Products (Not Classified)
015-02	3-08-007-04	Jet Ski Mfg. Chemical Use – Bonding	Fiberglass Resin Products (Adhesive)
015-03	3-08-007-99	Jet Ski Mfg. Sanding	Fiberglass Resin Products (Not Classified)
015-04	4-02-022-01	Jet Ski Mfg. Chemical Use – Painting	Plastic Parts Surface Coating
015-05	3-08-008-02	Jet Ski Mfg. – Foaming	Plastic Foam Products <sup>1</sup>
015-06	3-09-999-93	Jet Ski Mfg. Assembly	Misc. Industrial Processes
017-01	1-02-006-03	<10 MMBtu/hr Boilers	Natural Gas

<sup>1</sup> – This operation was performed in the past and may be performed in future manufacturing. As of permit issuance, this operation is not being utilized.

Emission Unit (EU) #	Source Classification Code (SCC) #	Emission Point Description	Emission Segment Description
017-02	1-02-010-02	<10 MMBtu/hr Boilers	LPG Standby
017-03	2-02-002-03	1.5 MW Combustion Turbine	Natural Gas
017-04	4-02-010-01	<10 MMBtu/hr Process Heaters	Natural Gas
017-05	4-02-010-04	<10 MMBtu/hr Process Heaters	LPG Standby
017-06	1-05-001-06	<10 MMBtu/hr Misc. Heaters	Natural Gas
017-07	1-05-001-10	<10 MMBtu/hr Misc. Heaters	LPG Standby
018-01	N/A	<10 MMBtu/hr Pyrolysis Ovens	Natural Gas
018-02	N/A	<10 MMBtu/hr Pyrolysis Ovens	LPG Standby
019-01	N/A	Misc. Chemical Use	Other Not Classified
020-01	3-09-005-00	Rail Car Fabrication Welding	Welding – General
020-02	3-09-999-93	Rail Car Fabrication Chemical Use	Misc. Industrial Processes
021-01	3-09-999-93	Rail Car Fitting Chemical Use	Misc. Industrial Processes
022-01	N/A	Rail Car Function Testing	Inspection / Function Testing
023-01	N/A	Injection Molding	Injection Molding
023-02	3-09-999-93	Injection Molding Chemical Use	Misc. Industrial Processes
024-01	3-09-001-98	Starter Motor Metal Fabrication	General Processes
024-02	3-09-999-93	Starter Motor Chemical Use	Misc. Industrial Processes
025-01	2-02-001-02	175 kw Emergency Generator	Diesel Combustion
025-02	2-02-001-02	300 hp Emergency Fire Pump Engine	Diesel Combustion

#### Insignificant Activities:

For the purposes of this operating permit, the following activities are considered insignificant sources of emissions:

Insignificant Activity	Additional Information
Petroleum Storage	Tanks for Aviation Fuel, Unleaded Gasoline, and Diesel Fuel with facility throughput less than 1 million gallons per year. As of permit issuance, there are 4 tanks. This total may fluctuate over time.
Process Cooling Towers	Cooling Towers less than 2,000 GPM. As of permit issuance, there are 4 cooling towers. This total may fluctuate over time.

#### Introduction – Source Description

The Kawasaki Motors Manufacturing Corp., U.S.A. (hereinafter referred to as 'KMM') Lincoln facility is involved in the manufacture of All-Terrain Vehicles (ATV's), Utility Trucks, Jet Ski Personal Watercraft (PWC), Rail Cars, and OEM Wheels, and Motor Starters.

The following list offers a more detailed description of the activities associated with the emission units comprising the 'Permitted Source' covered by this operating permit.

Emission Unit	Operations Included in Emission Unit
001	Metal Fabrication Operations – operations include shearing, tube cutting, laser metal cutting, chopsawing, swedge machining, tube bending, press braking, and press work. Media parts blasting including sand, soda particulate, and solid carbon dioxide media.

Emission Unit	Operations Included in Emission Unit
002	Frame Welding Operations – operations include gas-metal arc welding (GMAW), gas-tungsten arc welding (GTAW), oxy-acetylene cutting, fine bore, broaching, lathes, and frame alignment.
003	Fuel Tank Fabrication – operations include oxyacetylene brazing and leak-checking.
004	Wheel Fabrication – operations include spot/seam/GMAW/GTAW welding, oxy-acetylene brazing, belt-sanding, presses (hydraulic/mechanical/pneumatic), and leak-checking.
005	Main Plant (Frame) E-Coat System – operations include inorganic chemical cleaning, chemical pre-treatment, electro-coat dip (surface priming), electro-coat (e-coat) oven curing, powder coat application, powder coat cure oven, and minor sanding/rework.
006	Wheel E-Coat System – operations include inorganic chemical cleaning, chemical pre-treatment, e-coat dip (surface priming), e-coat oven curing, powder coat application, powder coat cure oven, and minor sanding/rework.
007	Mule E-Coat System – operations include inorganic chemical cleaning, chemical pre-treatment, e-coat dip (surface priming), e-coat oven curing, powder coat application, powder coat cure oven, and minor sanding/rework.
008	Blackline Pre-Treatment – operations include inorganic chemical cleaning, chemical pre-treatment, and parts drying.
009	Blackline Finishing – operations include automated electrostatic spray painting in a dry filter booth, manual spray in a water wash booth, and paint oven curing.
010	Colorline Finishing – operations include manual spray application of paint in three downdraft/water wash booths followed by oven curing. In addition, a small dry filter booth is utilized for paint touch-up.
011	Clearline Finishing – operations include manual spray application of paint in one downdraft/water wash booth followed by oven curing.
012	RUV Assembly Line – operations include the assembly of component parts into completed recreational utility vehicles (RUV's) followed by a brief, in-unit function test on one assembly line.
013	Mule Assembly Line – operations include the assembly of component parts into completed Mule utility trucks followed by a brief, in-unit function test on one assembly line.
014	ATV Assembly Lines – operations include the assembly of component parts into completed all-terrain vehicles (ATV's) followed by a brief, in-unit function test on assembly lines 1 and 2.
015	Consolidated Jet Ski Manufacturing – operations include cutting to size and closed-molding of SMC (Sheet Molding Compound) into decks, smaller Jet Ski parts, and rail car seats. Some SMC components receive in-mold-cured powder coating that serves as a primer or stand-alone top-coat finish. KMM-molded SMC parts and purchased molded components (primarily decks and hulls) are eligible for post-mold work including de-flashing, sanding, water jet hole cutting, drilling, and other pre-finishing operations. SMC Jet Ski parts as well as ATV, RUV, and rail car plastic parts may receive manual spray application of primer and/or top-coat paint in dry filter paint booths, followed by oven curing. In addition, out-of-booth manual spray application of touch-up paint and curing in a small infrared oven is also performed. Some Jet Ski, ATV, and RUV plastic parts receive further surface finish via a graphics dipping process. Molded Jet Ski decks and hulls are bonded together prior to, or during final assembly. During final assembly of Jet Skis, further minor bonding activities occur. Brief, in-unit engine function is also performed during assembly.
017	Combustion Units – operations include three gas-fired boilers (2 @ 150 hp and 1 @ 127 hp, the latter of which is not in service), liquefied petroleum gas (LPG) vaporizer, water heating units, space heating units, and gas-fired process burners. With the exception of the combustion turbine, all gas-fired combustion units are tied into an LPG standby fuel system.

Emission Unit	Operations Included in Emission Unit
018	Pyrolysis Ovens – operation includes four ovens used for heat removal of coating materials on parts hangers and coated metal parts for rework. An afterburner is used to control smoke emissions. The pyrolysis units are tied into an LPG standby fuel system.
019	Miscellaneous Chemical Usage – operation includes materials that are not assigned to a particular process.
020	Passenger Railcar Body Fabrication – operation includes underfloor, side-panel, end-pole, and roof assembly welding.
021	Passenger Railcar Fitting – operation includes the installation of insulation, conduits, terminal boxes, seats, electrical harnesses, wall/ceiling panels, lighting, handrails, and floor covering.
022	Rail Car Function Testing – operation includes inspection and function testing of completed rail car units.
023	Injection molding – operation includes injection molding of ATV, RUV, and Mule components.
024	Motor Starter Manufacturing – operation includes component fabrication and final assembly of electric motor starters (as well as a small number of manual pull starter mechanisms).
025	Emergency Generators – consists of a 175 kw Emergency Generator used to provide back-up power for data servers, and a 300 hp Emergency Fire Pump Engine to supply water to sprinklers during fire emergencies.

### **Description of Permitting Action**

- This operating permit is being renewed in accordance with the applicable provisions of Article 2, Section 12 of the Lincoln-Lancaster County Health Department Air Pollution Control Program Regulations and Standards (LLCAPCPRS), as well as all other applicable provisions of the LLCAPCPRS.

### **Facility Regulatory Classification**

- The facility is a major source of hazardous air pollutants (HAP).
- The facility is a Title V major source of air pollution in accordance with LLCAPCPRS Article 2, Section 2, paragraph (B), as well as 40 CFR Part 70 §70.2.
- The facility is not a major stationary source for the purposes of the Prevention of Significant Deterioration (PSD) of Air Quality Program.
- This permit allows for operation of units that are subject to the following applicable New Source Performance Standards (NSPS) in Title 40, Part 60 of the Code of Federal Regulations (40 CFR 60):
  - Subpart A – NSPS General Provisions
  - Subpart GG – NSPS for Stationary Gas Turbines
  - Subpart IIII – NSPS for Stationary Compression Ignition Internal Combustion Engines (CI ICE)
- This permit allows for operation of units that are subject to the following applicable National Emissions Standards for Hazardous Air Pollutants Maximum Achievable Control Technology (NESHAP MACT) in Title 40, Part 63 of the Code of Federal Regulations (40 CFR 63):
  - Subpart A – General Provisions
  - Subpart MMMM – NESHAP MACT for Surface Coating of Miscellaneous Metal Parts and Products
  - Subpart PPPP – NESHAP MACT for Surface Coating of Plastic Parts and Products
  - Subpart VVVV – NESHAP MACT for Boat Manufacturing
  - Subpart WWWW – NESHAP MACT for Reinforced Plastic Composites Production
  - Subpart ZZZZ – NESHAP MACT for Stationary Reciprocating Internal Combustion Engines
  - Subpart DDDDD – NESHAP MACT for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters

### **Facility Regulatory Classification (cont'd)**

- This facility is not subject to the requirements of Title 40, Part 64 of the Code of Federal Regulations (40 CFR 64): Compliance Assurance Monitoring (CAM)
- This facility is not subject to the requirements of Title 40, Part 68 of the Code of Federal Regulations (40 CFR 68): Chemical Accident Prevention Provisions
- This facility is not subject to the Acid Rain requirements of Title 40, Parts 72, 73, 75, 77, and 78 of the Code of Federal Regulations.
- This facility is subject the requirements of Title 40, Part 82 of the Code of Federal Regulations (40 CFR 82): Protection of Stratospheric Ozone.
- This facility is not subject to the requirements of Title 40, Part 98 of the Code of Federal Regulations (40 CFR 98): Mandatory Greenhouse Gas Reporting.

### **Public Participation, Affected State Review, and EPA Review**

- Pursuant to Article 2, Section 14 of the LLCAPCPRS, the public has been notified by prominent advertisement of this permit for operation of an air contaminant source, and the thirty (30) day period allowed for comments has elapsed, and all comments received have been addressed. Pursuant to Article 2, Section 13 of the LLCAPCPRS, the Environmental Protection Agency (EPA) and all affected States have been notified of this permit. The forty-five (45) day EPA review period has elapsed, and any/all comments provided by the EPA and affected States have been addressed.

### **Permitting Authority**

- The permitting authority for this project is the Air Quality Program in the Environmental Public Health Division of the Lincoln-Lancaster County Health Department (LLCHD). All documents related to applications for permits to construct/reconstruct/modify or operate an emissions unit shall be submitted to the LLCHD at the following address.

Lincoln-Lancaster County Health Department  
c/o Air Quality Program  
3140 'N' Street  
Lincoln, NE 68510

### **Compliance Authority**

- All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the following:

Lincoln-Lancaster County Health Department  
c/o Air Quality Program  
3140 'N' Street  
Lincoln, NE 68510

- If required or requested by the EPA, the owner/operator shall submit reports, tests, and/or notifications to the following:

US EPA Region 7  
APCO-Nebraska Air Compliance Coordinator  
11201 Renner Blvd.  
Lenexa, KS 66219

### **Definitions**

- Unless otherwise defined in the conditions of this permit, the terms used in this permit shall be defined according to the provisions set forth in Article 2, Section 1 of the LLCAPCPRS.

## PERMIT CONDITIONS

### Regulations:

I. Applicable and Non-Applicable Regulations and Requirements.

(A) The following articles (Art.) and sections (§) of the LLCAPCPRS apply to this source:

- (1) Art. 1, § 1: Intent
- (2) Art. 1, § 2: Unlawful Acts – Permits Required
- (3) Art. 1, § 3: Violations – Hearings – Orders
- (4) Art. 1, § 4: Appeal Procedure
- (5) Art. 1, § 5: Variance
- (6) Art. 1, § 6: Fees
- (7) Art. 1, § 7: Compliance – Actions to Enforce – Penalties for Non-Compliance
- (8) Art. 1, § 8: Procedure for Abatement
- (9) Art. 1, § 9: Severability
- (10) Art. 2, § 1: Definitions
- (11) Art. 2, § 2: Major Sources – Defined
- (12) Art. 2, § 4: Ambient Air Quality Standards
- (13) Art. 2, § 5: Operating Permits – When Required
- (14) Art. 2, § 6: Emissions Reporting – When Required
- (15) Art. 2, § 7: Operating Permits – Application
- (16) Art. 2, § 8: Operating Permits – Content
- (17) Art. 2, § 11: Emergency Operating Permits – Defense
- (18) Art. 2, § 12: Operating Permit Renewal and Expiration
- (19) Art. 2, § 13: Class I Operating Permit – EPA Review – Affected States Review
- (20) Art. 2, § 14: Permits – Public Participation
- (21) Art. 2, § 15: Permit Modifications – Reopening for Cause
- (22) Art. 2, § 16: Stack Heights – Good Engineering Practice (GEP)
- (23) Art. 2, § 17: Construction Permits – When Required
- (24) Art. 2, § 18: New Source Performance Standards (NSPS)
- (25) Art. 2, § 19: Prevention of Significant Deterioration of Air Quality
- (26) Art. 2, § 20: Particulate Limitations and Standards
- (27) Art. 2, § 22: Incinerator Emissions
- (28) Art. 2, § 23: Hazardous Air Pollutants – Emission Standards
- (29) Art. 2, § 24: Sulfur Compound Emissions – Existing Sources – Emission Standards
- (30) Art. 2, § 27: Hazardous Air Pollutants – Maximum Achievable Control Technology
- (31) Art. 2, § 28: Hazardous Air Pollutants – MACT Emission Standards
- (32) Art. 2, § 29: Operating and Construction Permit Emission Fees
- (33) Art. 2, § 32: Dust – Duty to Prevent Escape of
- (34) Art. 2, § 33: Compliance – Time Schedule For
- (35) Art. 2, § 34: Emission Sources – Testing and Monitoring
- (36) Art. 2, § 35: Compliance – Exceptions Due to Startup Shutdown or Malfunction
- (37) Art. 2, § 36: Control Regulations – Circumvention – When Excepted
- (38) Art. 2, § 37: Compliance – Responsibility of Owner/Operator Pending Review by Director
- (39) Art. 2, § 38: Emergency Episodes – Occurrence and Control – Contingency Plans
- (40) Appendix I: Emergency Emission Reduction Regulations
- (41) Appendix II & III: Hazardous Air Pollutants (HAPs)

- (B) The following sections of the Lincoln Municipal Code (LMC) apply to this source:
  - (1) Section 8.06.140: Open Burning
  - (2) Section 8.06.145: Open Burning Permits
  - (3) Section 8.06.130: Odor Nuisances Prohibited
  - (4) Section 8.06.150: Air Pollution Nuisances Prohibited
- (C) The following Federal Regulations, including those not currently delegated to the Department or not yet included in the LLCAPCPRS, apply to this source:
  - (1) 40 CFR Part 60 – New Source Performance Standards (NSPS):
    - (a) Subpart A: NSPS General Provisions
    - (b) Subpart GG: NSPS for Stationary Gas Turbines
    - (c) Subpart IIII: NSPS for Stationary Compression Ignition Internal Combustion Engines (CI ICE)
  - (2) 40 CFR Part 61, Subpart M – National Emission Standards for Asbestos
  - (3) 40 CFR Part 63 – National Emission Standards for Hazardous Air Pollutants Maximum Achievable Control Technology (NESHAP MACT):
    - (a) Subpart A: General Provisions
    - (b) Subpart MMMM: NESHAP MACT for Surface Coating of Miscellaneous Metal Parts and Products
    - (c) Subpart PPPP: NESHAP MACT for Surface Coating of Plastic Products
    - (d) Subpart VVVV: NESHAP MACT for Boat Manufacturing
    - (e) Subpart WWWW: NESHAP MACT for Reinforced Plastic Composites Production
    - (f) Subpart ZZZZ: NESHAP MACT for Stationary Reciprocating Internal Combustion Engines
    - (g) Subpart DDDDD: NESHAP MACT for Industrial, Commercial, And Institutional Boilers And Process Heaters
  - (4) 40 CFR Part 82 – Protection of the Stratospheric Ozone
- (D) The following Federal Regulations, including those not currently delegated to the Department or not yet included in the LLCAPCPRS, do not apply to this source (see Attachment B of this permit for specific non-applicability of select provisions):
  - (1) 40 CFR Part 51 – Appendix S: Emission Offset Interpretive Ruling
  - (2) 40 CFR Part 52 – Subpart A §52.21: Prevention of Significant Deterioration of Air Quality
  - (3) 40 CFR Part 60 – Subparts C–EE, HH–HHHH, and JJJJ–OOOO
  - (4) 40 CFR Part 63 – Subparts F–KKKK, Subparts NNNN–OOOO, QQQQ–UUUU, XXXX–YYYY, AAAAA–CCCCC, and EEEEE–HHHHHHH
  - (5) 40 CFR Part 64 – Compliance Assurance Monitoring
  - (6) 40 CFR Part 68 – Chemical Accident Prevention Provisions
- (E) The following articles (Art.) and sections (§) of the LLCAPCPRS do not apply to this source (see Attachment B of this permit for specific non-applicability of select provisions):
  - (1) Art. 2, §§ 3, 30, and 31: Reserved
  - (2) Art. 2, § 9: General Operating Permits for Class I and II Sources
  - (3) Art. 2, § 10: Operating Permits for Temporary Sources
  - (4) Art. 2, § 21: Compliance Assurance Monitoring
  - (5) Art. 2, § 25: Nitrogen Oxides (Calculated as Nitrogen Dioxide) — Emissions Standards for Existing Stationary Sources
  - (6) Art. 2, § 26: Acid Rain



**General Conditions:**

- II. In accordance with LLCAPCPRS Article 1, Section 1, holding of this permit does not relieve the owner/operator from the responsibility to comply with all applicable portions of the LLCAPCPRS and any other requirements under Local, State, or Federal law. Compliance with this permit shall not be a defense to any enforcement action for violation of an ambient air quality standard.
- III. In accordance with LLCAPCPRS Article 1, Section 2, paragraph (C), it shall be unlawful to:
  - (A) Construct or operate an air pollution source without first obtaining a permit required under the Air Pollution Control Program;
  - (B) Violate any term or condition of an air pollution permit or any emission limit set in the permit; or
  - (C) Violate any emission limit or standard established in the LLCAPCPRS.
- IV. Violations, hearings, and orders shall be conducted in accordance with LLCAPCPRS Article 1, Section 3, paragraphs (A) through (E).
- V. Appeals shall be conducted in accordance with LLCAPCPRS Article 1, Section 4, paragraphs (A) through (I).
- VI. In accordance with LLCAPCPRS Article 1, Section 5, any person who owns or is in control of any plant, building, structure, process, or equipment may apply to the Director for a variance from rules or regulations. Any person who is applying for, or has obtained a variance must comply with all applicable requirements of Article 1, Section 5 of the LLCAPCPRS.
- VII. Annual Fees. In accordance with LLCAPCPRS Article 1, Section 6, paragraph (A)(1), any person who owns or operates a source as defined in Article 2, Section 1 of the LLCAPCPRS and is required to obtain a Class I or Class II operating permit in accordance with Article 2, Section 5 of the Regulations and Standards, or is required to obtain a construction permit in accordance with Article 2, Section 17 of the LLCAPCPRS, must pay annual emission fees in accordance with all applicable provisions set forth under Article 1, Section 6, paragraph (A) of the LLCAPCPRS.
- VIII. Compliance – Actions to Enforce – Penalties for Non-Compliance.
  - (A) In accordance with LLCAPCPRS Article 1, Section 7, paragraph (A), the County Attorney or Attorney General may institute enforcement proceedings pursuant to Neb. Rev. Stat. §81-1504(23), §81-1508(4), or §81-1528(2) against any person who fails to comply with the requirements of the LLCAPCPRS. Nothing in the LLCAPCPRS shall preclude the control of air pollution by resolution, ordinance, or rule, regulation, or standard not in actual conflict with the state air pollution control regulations. (Ref: Neb. Rev. Stat. §71-1631(15))
  - (B) Any person who fails to comply with the requirements of the LLCAPCPRS or who fails to perform any duty imposed by the LLCAPCPRS shall be subject to a civil penalty in accordance with LLCAPCPRS Article 1, Section 7, paragraph (B).
  - (C) Any person who knowingly and willfully fails to comply with the requirements of the LLCAPCPRS or who knowingly and willfully fails to perform any duty imposed by the LLCAPCPRS shall be subject to felony prosecution under Neb. Rev. Stat. §81-1508(f) including a fine in accordance with LLCAPCPRS Article 1, Section 7, paragraph (C), and up to a maximum six (6) month term of imprisonment.
  - (D) Enforcement proceedings may include injunctive relief in court to restrain any violation that creates an imminent and substantial endangerment to the public health or to the environment.

- IX. In accordance with LLCAPCPRS Article 1, Section 8, if the Director has determined a violation of the Air Pollution Control Program after any hearing required hereunder or if the Director has probable cause to believe a violation has occurred, the Director shall refer the matter to the County Attorney.
- X. In accordance with LLCAPCPRS Article 1, Section 9, if any clause, paragraph, or section of the LLCAPCPRS shall be held invalid, it shall be conclusively presumed that the City and County would have enacted the remainder of the LLCAPCPRS not directly related to such clause, paragraph, or section.
- XI. Unless otherwise defined, or a different meaning is clearly required by context, the words and phrases, as used in this operating permit, the LLCAPCPRS, and the related appendices shall have the meanings set forth in LLCAPCPRS Article 2, Section 1.
- XII. In accordance with LLCAPCPRS Article 2, Section 2, paragraph (G), for the purpose of Class I operating permits, major sources of air pollutants are those that meet the following criteria:
- (A) Any stationary source, or group of stationary sources that are located on one or more contiguous or adjacent properties, and are under common control of the same person (or persons), and belonging to a single major industrial grouping.
  - (B) For the purposes of defining "major source," a stationary source or group of stationary sources shall be considered part of a single industrial grouping if all of the pollutant emitting activities at such source or group of sources on contiguous or adjacent properties belong to the same Major Group (i.e., all have the same two-digit code) as described in the Standard Industrial Classification Manual, 1987.
  - (C) Emit or have the potential to emit the following:
    - (1) Ten (10) tons per year, or more, of any hazardous air pollutant (HAP) listed in LLCAPCPRS Appendix II. All fugitive HAP emissions must be considered when determining whether a stationary source is a major source.
    - (2) Twenty-five (25) tons per year, or more, of any combination of hazardous air pollutants. All fugitive HAP emissions must be considered when determining whether a stationary source is a major source.
    - (3) One hundred (100) tons per year, or more, of any regulated air pollutant (as defined in Article 2, Section 1), including any major source of fugitive emissions except as provided for in LLCAPCPRS Article 2, Section 2, paragraph (B)(3);
    - (4) Five (5) tons per year, or more, of lead.
  - (D) The fugitive emissions of regulated air pollutants (not including hazardous air pollutants) from a stationary source shall not be considered in determining whether it is a major stationary source for the purposes of paragraph (B), unless the source belongs to one of the categories set forth in LLCAPCPRS Article 2, Section 2, paragraph (B)(3)(a) through (dd).
  - (E) A major stationary source that is major for volatile organic compounds shall be considered major for ozone.
  - (F) Major source of particulate matter, for purposes of Class I operating permits, shall be determined based on the potential to emit PM<sub>10</sub>.
- XIII. The owner/operator shall maintain compliance with the ambient air quality standards set forth in LLCAPCPRS Article 2, Section 4.
- XIV. In accordance with LLCAPCPRS Article 2, Section 5, paragraph (C), this operating permit is issued only for the emission units included in the approved permit application, as well as any emission units added subsequent to issuance of this permit according to the provisions set forth in Conditions XXIII, XXXI and XLIII(H)(1) of this permit.

- XV. In accordance with LLCAPCPRS Article 2, Section 6, the owner/operator shall submit completed emission inventory forms for the preceding calendar year to the Department by March 31<sup>st</sup> of each year. The inventory shall include all emissions associated with the 'Permitted Source'. The inventory form shall be certified in accordance with Article 2, Section 7, paragraph (H) of the LLCAPCPRS.
- XVI. In accordance with LLCAPCPRS Article 2, Section 7, paragraph (B)(6), for purposes of permit renewal, a timely application is one that is submitted at least six (6) months prior to the date of permit expiration or such longer time as may be approved by the Director after notice to the owner/operator that ensures that the permit will not expire before the permit is renewed. In no event shall this time be greater than eighteen (18) months.
- XVII. In accordance with LLCAPCPRS Article 2, Section 7, paragraph (H), all reports and compliance certifications submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- XVIII. In accordance with LLCAPCPRS Article 2, Section 8, paragraph (C)(1), this permit is issued for a fixed term of five (5) years from the date of issuance. In accordance with LLCAPCPRS Article 2, Section 8, paragraph (C)(2), the conditions of an expiring permit shall continue until the effective date of a new permit, provided that the owner/operator has submitted a timely application, and the Director does not issue a new permit with an effective date before the expiration date of the previous permit.
- XIX. The following record keeping requirements are in accordance with LLCAPCPRS Article 2, Section 8, paragraph (D)(2):
- (A) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (D)(2)(a), the owner/operator shall maintain records of required monitoring information, which shall include the following:
    - (1) The date and place as defined in the permit, and time of sampling or measurements;
    - (2) The date(s) analyses were performed;
    - (3) The company or entity that performed the analyses;
    - (4) The analytical techniques or methods used;
    - (5) The results of such analyses; and
    - (6) The operating conditions existing at the time of sampling or measurement.
  - (B) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (D)(2)(b), the owner/operator shall retain records of all required monitoring data and support information for a period of at least sixty (60) months from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. The owner/operator shall also maintain all records required by the Specific Conditions of this permit for a period of at least sixty (60) months from the date of origin. These records shall be readily accessible and made available for inspection upon request by the Department.
- XX. The following Monitoring and Deviation Reporting Requirements are in accordance with LLCAPCPRS Article 2, Section 8, paragraphs (D)(2), (D)(3)(a), and (L)(1):
- (A) The owner/operator shall submit reports of applicable monitoring requirements and instances of deviations from permit requirements every six (6) months to the Department. These reports shall be submitted by August 15<sup>th</sup> to cover the reporting period of January 1<sup>st</sup> through June 30<sup>th</sup>, and by February 15<sup>th</sup> to cover the reporting period of July 1<sup>st</sup> through

December 31<sup>st</sup> of the previous year. A responsible official must certify the reports, as well as any other document required by this permit. If the timing of the semi-annual report is such that it may be combined with the report required in Condition XXVI of this permit, a semi-annual report shall be submitted only once each year, six (6) months after the report required in Condition XXVI is submitted. If the owner/operator elects to combine the report required under Condition XXVI with the semi-annual monitoring and deviation report, the report required under Condition XXVI shall contain all required elements for semi-annual monitoring and deviation reporting.

- (B) Deviation Reporting. In accordance with LLCAPCPRS, Article 2, Section 8, paragraphs (D)(3) and (D)(4), the owner/operator shall report deviations from permit requirements, identify the probable cause of the deviations, and list corrective actions or preventative measures taken. All reports of the deviations must be submitted within the time frames specified in paragraphs (B)(1), (B)(2), and (B)(3) of this condition. The report may be submitted initially without a certification if an appropriate certification is provided within ten (10) days thereafter, together with any corrected or supplemental information required concerning the deviation. The following schedule will be followed to report the deviations:
- (1) Any deviation resulting from emergency (as defined in Article 2, Section 11, paragraph (A) of the LLCAPCPRS) or upset conditions shall be reported within two working days of the date on which the owner/operator first becomes aware of the deviation, if the owner/operator wishes to assert the affirmative defense authorized under Article 2, Section 11 of the LLCAPCPRS.
  - (2) Any deviation that poses an imminent and substantial danger to public health, safety, or the environment shall be reported as soon as is practicable.
  - (3) All other deviations will be reported as specified in paragraph (A) of this condition.

XXI. In accordance with LLCAPCPRS Article 2, Section 8, paragraph (F), the unchallenged permit requirements shall remain valid in the event of a challenge to any portions of the permit.

XXII. The following conditions are in accordance with LLCAPCPRS Article 2, Section 8, paragraph (G):

- (A) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (G)(1), the owner/operator must comply with all conditions of the Class I permit. Any permit noncompliance shall constitute a violation of the LLCAPCPRS and the Act, and is grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or for denial of a permit renewal application.
- (B) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (G)(2), it shall not be a defense for an owner/operator in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (C) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (G)(3), the permit may be modified; revoked, reopened, and reissued; or terminated for cause in accordance with the provisions of LLCAPCPRS. The filing of a request by the owner/operator for a permit modification, revocation and re-issuance, or termination, or of a notification of planned changes or anticipated noncompliance does not supersede any permit condition.
- (D) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (G)(4), this operating permit does not convey any property rights of any sort, or any exclusive privilege.
- (E) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (G)(5), the owner/operator shall furnish to the Department, within the time specified by the Department, any information requested by the Department in writing to determine whether cause exists for modifying, revoking and reissuing; or terminating the permit or to determine compliance with the permit. Upon request, the owner/operator shall also furnish to the Department, copies of records required to be kept in accordance with the permit or, for information claimed to be confidential, the owner/operator may furnish such

records along with a claim of confidentiality pursuant to, Nebraska Revised Statute 84-712.05.

- (F) In accordance with LLCAPCPRS Article 2, Section 8, paragraph (G)(6), the provisions of this permit supersede the provisions of any previously issued operating or construction permit. This Class I (Title V) operating permit contains applicable requirements of previously issued operating and construction permits, except for those construction permits where the equipment for which they were issued has been removed from the source.

XXIII. In accordance with the LLCAPCPRS, Article 2, Section 8, paragraph (J), conditions under which this permit may be reopened for cause, revoked and reissued, or terminated are given below.

- (A) In accordance with LLCAPCPRS Article 2, Section 15, paragraph (F), conditions under which this permit will be reopened, revoked and reissued, or terminated during its term for cause, include but are not limited to:
- (1) Additional applicable requirements under the Act or the LLCAPCPRS, which become applicable to this source with a remaining permit term of three (3) or more years. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended;
  - (2) Additional requirements, including excess emissions requirements that become applicable to an affected source under the acid rain program under Title IV of the Act;
  - (3) The Administrator determines that the permit must be revoked or reissued to assure compliance with the applicable requirements;
  - (4) The Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of the permit; and
  - (5) The Administrator determines that an applicable requirement or applicable requirement under the Act applies which was not identified by the owner/operator in its application.
- (B) In accordance with LLCAPCPRS Article 2, Section 15, paragraph (F), a Class I operating permit may be revoked during its term for cause, including but not limited to:
- (1) The existence at the facility of unresolved noncompliance with applicable requirements or a term or condition of the permit, and refusal of the owner/operator to agree to an enforceable schedule of compliance to resolve the noncompliance;
  - (2) The owner/operator has falsely certified or submitted false, incomplete, or misleading information to the Department or EPA;
  - (3) The Director determines that the permitted facility or activity endangers human health or the environment and that the danger cannot be removed by a modification of the permit; or
  - (4) The owner/operator has failed to pay a penalty owed pursuant to court order, stipulation and agreement, or order issued by the Administrator.
- (C) When reopening for cause, all operating permit modifications shall be conducted according to the guidelines put forth in the following sections.
- (1) Administrative Permit Amendments shall be conducted in accordance with the LLCAPCPRS, Article 2, Section 15, paragraph (A).
  - (2) Minor Permit Modifications shall be conducted in accordance with the LLCAPCPRS, Article 2, Section 15, paragraph (C).

- (3) Group Processing of Minor Permit Modifications shall be conducted in accordance with the LLCAPCPRS, Article 2, Section 15, paragraph (D).
- (4) Significant Modifications shall be conducted in accordance with the LLCAPCPRS, Article 2, Section 15, paragraph (E).
- (D) In accordance with LLCAPCPRS Article 2, Section 15, paragraph (H), no permit revisions shall be required under any State-approved programs providing for economic incentives, marketable permits, emissions trading or other similar programs or processed for changes that are provided for in the permit.

XXIV. In accordance with LLCAPCPRS Article 2, Section 8, paragraph (L)(2), upon presentation of credentials and other documents as may be required by law, the owner/operator shall allow the Department, the Administrator, or an authorized representative to perform the following:

- (A) Enter upon the permittee's premises at reasonable times where a source subject to a Class I operating permit is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (C) Inspect at reasonable times any facilities, pollution control equipment, including monitoring and air pollution control equipment, practices, or operations regulated or required under the permit; and
- (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

XXV. In accordance with LLCAPCPRS Article 2, Section 8, paragraph (L)(3), the source has indicated compliance with all applicable requirements, including the specific conditions of this permit, effective at the time of permit issuance, and shall continue to comply with these applicable requirements. The source shall meet all applicable requirements that become effective during the term of this permit in a timely manner unless a more detailed compliance schedule is expressly required by the applicable requirement.

XXVI. In accordance with LLCAPCPRS Article 2, Section 8, paragraph (L)(5), certification of compliance with the terms and conditions of this permit for the preceding year shall be submitted to the Department and to the EPA Region VII - Nebraska Air Compliance Coordinator (USEPA-Region VII, 11201 Renner Blvd., Lenexa, KS 66219) each year. The report shall be due by February 15<sup>th</sup>, and shall certify compliance with the reporting period for the previous calendar year (January 1<sup>st</sup> through December 31<sup>st</sup>), and shall include the following information:

- (A) The identification of each term or condition of the permit that is the basis of the certification;
- (B) The compliance status;
- (C) A determination of whether compliance was continuous or intermittent;
- (D) The methods used for determining the compliance status of the source, currently, and over the reporting period; and
- (E) Such other facts as the Department may require to determine the compliance status of the source.

XXVII. In accordance with LLCAPCPRS Article 2, Section 8, paragraph (M), the owner/operator must maintain a copy of the permit and of the letter of transmittal on-site no later than fourteen (14) calendar days after the date of the letter of transmittal.

XXVIII. Permit Shield.

- (A) A permit shield is provided in accordance with LLCAPCPRS Article 2, Section 8, paragraph (N) and 40 CFR Part 70: State Operating Permit Programs §70.6 paragraph (f). Attachment B of this permit contains the regulations and requirements that are included under this permit shield.
- (B) The permit shield provides that compliance with this permit during its term constitutes compliance with all applicable requirements identified pursuant to LLCAPCPRS Article 2, Section 7 as of the date of permit issuance, provided that:
  - (1) Such applicable requirements are included and specifically identified in the permit; or
  - (2) The Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination.
- (C) Nothing in this permit shall alter or affect EPA's authority under the provisions of Section 303, Emergency Powers, of the Clean Air Act.

XXIX. In accordance with LLCAPCPRS Article 2, Section 11, Emergency Operating Permits: Defense procedures are as follows:

- (A) For the purpose of a Class I operating permit, an "emergency" means any situation arising from sudden, unavoidable, and reasonably unforeseeable events beyond the control of the source, including acts of God, which requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
- (B) An emergency constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the conditions of paragraph (C) below are met.
- (C) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
  - (1) An emergency occurred and that the owner/operator can identify the cause(s) of the emergency;
  - (2) The permitted facility was, at the time, being properly operated;
  - (3) During the period of the emergency, the owner/operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
  - (4) The owner/operator submitted notice of the emergency to the Department within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (D) In any enforcement proceeding, the owner/operator seeking to establish the occurrence of an emergency has the burden of proof.
- (E) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

XXX. In accordance with LLCAPCPRS Article 2, Section 15, paragraph (A), the owner/operator may request the Director to make an administrative permit amendment in writing by specifying the section of the permit that is to be changed and the reason for the change. The source may implement the changes addressed in the request immediately upon submittal of the request, subject to the Department's final action on the request in accordance with LLCAPCPRS Article 2, Section 15, paragraph (A). Administrative permit amendments include any permit revision that:

- (A) Corrects typographical errors;
- (B) Identifies a change in the name, address, or telephone number of any person identified in the permit, provided that the owner or operator of the source is not changed;
- (C) Requires more frequent monitoring or reporting by the owner/operator; and,
- (D) Allows for a change in ownership or operational control of a source where the Department determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new owner/operator has been submitted to the Department.

XXXI. The owner/operator may make changes to a permitted facility without a permit revision, if the change is not a modification which would require a construction permit under the Article 2, Sections 17, 18, 19, 23, 27, or 28 of the LLCAPCPRS and the change does not result in the emissions allowable under the permit being exceeded, provided that the owner/operator provides the Director with written notification as required in Article 2, Section 15, paragraph (G) of the LLCAPCPRS. The permit shield described under Condition XXVIII of this permit shall not apply to any changes made under this section.

XXXII. Construction Permits.

- (A) In accordance with LLCAPCPRS Article 2, Section 17, paragraph (A), no person shall cause the construction, reconstruction, or modification at any of the items specified in Article 2, Section 17 of the LLCAPCPRS without first having obtained a construction permit from the Department in the manner prescribed by the LLCAPCPRS.

XXXIII. In accordance with the following paragraphs of LLCAPCPRS Article 2, Section 20, the owner/operator shall limit emissions of particulate matter as follows:

- (A) In accordance with paragraph (A) of Article 2, Section 20, the owner/operator shall limit the emissions of particulates from any processing machine, equipment, device or other articles, or any combination thereof to no greater than the amounts set forth in Table 20-1 during any one (1) hour.
- (B) The owner/operator shall limit the emissions of particulate matter caused by the combustion of fuel in accordance with the limits set forth in paragraph (B) of Article 2, Section 20, as they apply based on heat input rating.
- (C) The owner/operator shall not cause or allow emissions from any emission point that are of opacity equal to or greater than twenty percent (20%), as evaluated by Method 9 in Appendix A of 40 CFR 60, or recorded by a continuous opacity monitoring system operated and maintained pursuant to 40 CFR Part 60 Appendix B, except as provided for in paragraph (D) of this condition.
- (D) Emission sources subject to monitoring requirements of Article 2, Section 34, paragraph (E) of LLCAPCPRS are allowed to have one (1) six-minute period per hour of not more than twenty-seven percent (27%) opacity.

XXXIV. In accordance with LLCAPCPRS Article 2, Section 23, paragraph (A)(8), the owner/operator shall comply with the asbestos removal requirements of 40 CFR Part 61, Subpart M (National Emissions Standard for Asbestos) if demolition or renovation operations are conducted in areas where asbestos is removed in quantities in excess of the applicable thresholds.

XXXV. In accordance with LLCAPCPRS Article 2, Section 24, paragraph (A), the owner/operator shall not cause or allow emissions of sulfur oxides from any fossil fuel burning equipment in excess of two and one half (2.5) pounds per million British thermal units (lbs/MMBtu) input, maximum two (2) hour average.



XXXVI. Dust – Duty to Prevent Escape of.

- (A) In accordance with LLCAPCPRS Article 2, Section 32, paragraph (A), the source shall not cause or permit fugitive particulate matter to become airborne in such quantities and concentrations that it remains visible in the ambient air beyond the premise where it originates.
- (B) In accordance with LLCAPCPRS Article 2, Section 32, paragraph (B), the source shall not cause or permit a road, driveway, or open area to be used without applying all such reasonable measures to prevent particulate matter from becoming airborne so that it remains visible beyond the premises where it originates. Such reasonable measures include but are not limited to: paving or frequent cleaning of roads, driveways, and parking lots; application of water or chemical dust suppressants; and the planting and maintenance of vegetative ground cover.

XXXVII. The following monitoring and reporting requirements are in accordance with LLCAPCPRS Article 2, Section 34, paragraph (H):

- (A) Any emission testing and monitoring required by the Department shall be according to the requirements of Article 2, Section 34 of the LLCAPCPRS.
- (B) Notwithstanding any other provisions of LLCAPCPRS, the following methods may be used to determine compliance with applicable requirements:
  - (1) A monitoring method approved for the source and incorporated in an operating permit pursuant to LLCAPCPRS Article 2, Section 8,
  - (2) Any compliance test method specified in the State Implementation Plan,
  - (3) Any test or monitoring method approved for the source in a permit issued pursuant to LLCAPCPRS Article 2, Section 17, Section 19 or Section 27,
  - (4) Any test or monitoring method provided for in the LLCAPCPRS, or
  - (5) Any other test, monitoring, or information gathering method that produces information comparable to that produced by any method described in items (1) through (4) of this condition.

XXXVIII. Compliance – Exceptions Due to Startup, Shutdown, or Malfunction.

- (A) In accordance with LLCAPCPRS Article 2, Section 35, paragraph (A), upon receipt of a notice of excess emissions issued by the Department, the owner/operator may provide information showing that the excess emissions were the result of a malfunction, start-up, or shutdown.
- (B) In accordance with LLCAPCPRS Article 2, Section 35, paragraph (B), the information provided by the source operator under paragraph (A) of this condition shall include, at a minimum, the information specified in LLCAPCPRS Article 2, Section 35, paragraphs (B)(1) through (9).
- (C) In accordance with LLCAPCPRS Article 2, Section 35, paragraph (C), the owner/operator shall submit the information specified in paragraph (B) of this condition no later than fifteen (15) days after receipt of the notice of excess emissions.
- (D) Planned Start-up and Shutdown Reporting: In accordance with LLCAPCPRS Article 2, Section 35, paragraph (D), the owner/operator shall notify the Director, in writing, whenever a planned start-up or shut down may result in excess emissions. This notice shall be mailed, no later than ten (10) days prior to such action and shall include, but not be limited to, the information specified in LLCAPCPRS Article 2, Section 35, paragraphs (D)(1) through (10).
- (E) Malfunction and Unplanned Shutdown Reporting: In accordance with LLCAPCPRS Article 2, Section 35, paragraph (E), the owner/operator shall notify the Director, in writing, whenever emissions due to malfunctions, unplanned shutdowns or ensuing start-ups are, or may be, in excess of applicable emission control regulations for one (1) hour or more. Such notification shall be mailed within forty-eight (48) hours of the beginning of each

period of excess emissions and shall include, but not be limited to, the information required in LLCAPCPRS Article 2, Section 35, paragraph (D).

- XXXIX. In accordance with LLCAPCPRS Article 2, Section 37, application for review of plans or advice furnished by the Director will not relieve the owner or operator of a new or modified stationary source of legal compliance with any provision of the LLCAPCPRS, or prevent the Director from enforcing or implementing any provision of the LLCAPCPRS.
- XL. If and when the Director declares an air pollution emergency episode as defined in LLCAPCPRS, Article 2, Section 38, the source shall immediately take all applicable required actions listed in LLCAPCPRS Appendix I until the Director declares the air pollution episode terminated.
- XLI. The owner/operator shall comply with all applicable provisions of 40 CFR Part 82 – Protection of the Stratospheric Ozone. Affected controlled substances can be found in 40 CFR Part 82, Subpart A – Appendix A (Class I Controlled Substances) and Appendix B (Class II Controlled Substances). The following conditions are applicable requirements of this operating permit:
- (A) The owner/operator shall comply with the standards for labeling of products containing ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
    - (1) The following must bear the required warning statement if introduced into interstate commerce pursuant to §82.106:
      - (a) All containers in which a Class I or Class II substance is stored or transported;
      - (b) All products containing a Class I substance; and
      - (c) All products directly manufactured with a Class I substance.
    - (2) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
    - (3) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
    - (4) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
  - (B) The owner/operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in 40 CFR Part 82, Subpart B:
    - (1) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
    - (2) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
    - (3) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
    - (4) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to §82.166. ("MVAC-like appliance" as defined at §82.152)
    - (5) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
    - (6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
  - (C) If any person manufactures, transforms, imports, or exports a Class I or Class II substance at this source, the owner/operator shall ensure compliance with all requirements as specified in 40 CFR Part 82, Subpart A (Production and Consumption Controls).

- (D) If any person performs service on motor (fleet) vehicles at this source when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the MVAC, the owner/operator shall ensure compliance with all applicable requirements as specified in 40 CFR Part 82, Subpart B (Servicing of Motor Vehicle Air Conditioners). The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.
- (E) The owner/operator shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G (Significant New Alternatives Policy Program).

**Specific Conditions:**

- XLII. The specific conditions of this permit are in accordance with the requirements of LLCAPCPRS Article 2, Section 8, paragraphs (M) and (P); Construction Permit No. 165 issued June 1, 2015; or other applicable requirements as indicated.
- XLIII. Source-Wide Requirements. As authorized by Condition XLII of this permit, the Director has determined the following to be applicable requirements of this permit. Unless otherwise specified, the following conditions apply to the 'Permitted Source' as specified on pages 2 and 3 of this permit.
- (A) Emission Limits.
- (1) The owner/operator shall limit emissions from the source to the quantity set forth in Table 43-A-1 below. This limit applies to any consecutive twelve (12) month period. For the purposes of this permit, the limit set forth in Table 43-A-1 shall apply to the combined VOC emissions from the following:
- (a) Emission units included in the 'Permitted Source' (established on pages 2-4 of this permit);
  - (b) Any stationary natural gas and/or propane combustion equipment not included in the 'Permitted Source'; and
  - (c) Stationary units added subsequent to the issuance of this permit that do not require permitting in accordance with LLCAPCPRS Article 2, Sections 17 or 19 in accordance with paragraph (H)(1) of this condition (see Attachment A of this permit).

**Table 43-A-1: Emission Limits for Permitted Emission Source**

Pollutant Name	Emission Limit
Volatile Organic Compounds	< 249.0 tons

- (2) The owner/operator shall limit emissions from Emission Unit 005 (Main Plant (Frame) E-Coat System), as well as the associated bake oven and powder coat bake oven (combustion units also associated with Emission Unit 017) to the quantities set forth in Table 43-A-2 below. These limits apply to any consecutive twelve (12) month period.

**Table 43-A-2: Emission Limits for Main Plant (Frame) E-Coat System and Associated Bake Oven and Powder Coat Bake Oven**

Pollutant Name	Emission Limit
Greatest Single Hazardous Air Pollutant	< 2.5 tons
Total Combined Hazardous Air Pollutants	< 10.0 tons

- (3) The owner/operator shall limit emissions from Emission Unit 006 (Wheel E-Coat System), as well as the associated bake oven and powder coat bake oven (combustion units also associated with Emission Unit 017) to the quantities set forth in Table 43-A-3 below. These limits apply to any consecutive twelve (12) month period.

**Table 43-A-3: Emission Limits for Wheel E-Coat System and Associated Bake Oven and Powder Coat Bake Oven**

Pollutant Name	Emission Limit
Greatest Single Hazardous Air Pollutant	< 2.5 tons
Total Combined Hazardous Air Pollutants	< 10.0 tons

- (4) The owner/operator shall limit emissions from the Sheet Molding Compound (SMC) Area to the quantities set forth in Table 43-A-4 below. These limits apply to the following equipment, and apply to any consecutive twelve (12) month period.
- (a) SMC Molding: press, cutting equipment, deflashing, and sanding with baghouse.
  - (b) SMC Bonding: drill and baghouse.
  - (c) SMC Painting: sanding with baghouse, four (4) paint booths with dry filters, two (2) paint bake ovens, one (1) touch-up bake oven, one (1) 150 horsepower natural gas-fired boiler, and two (2) water jet cutters.

**Table 43-A-4: Emission Limits for the Sheet Molding Compound (SMC) Area and Associated Equipment**

Pollutant Name	Emission Limit
Toluene	≤ 16.11 tons
Xylene	≤ 12.51 tons
Glycol Ethers	≤ 11.55 tons
Styrene	≤ 2.87 tons
Hexamethylene diisocyanate	≤ 2.54 tons
All Other Individual Hazardous Air Pollutants	< 2.50 tons
Total Combined Hazardous Air Pollutants	≤ 55.44 tons

- (5) The owner/operator shall limit emissions from Emission Unit 017-03 (1.5 MW Combustion Turbine) in accordance with the limits established in Table 43-A-5 as follows:

**Table 43-A-5: Emission Limits for the 1.5 MW Combustion Turbine**

Pollutant Name	Emission Limit	Emission Limit Basis
Greatest Single Hazardous Air Pollutant	< 2.5 tons	any consecutive twelve (12) months
Total Combined Hazardous Air Pollutants	< 10.0 tons	any consecutive twelve (12) months
Nitrogen Oxides (NO <sub>x</sub> )	< 25.0 ppmv	@ 15% O <sub>2</sub> , dry basis, at 85%-100% load
Particulate Matter (PM)	≤ 0.507 lbs/MMBtu	1-hour average
Sulfur Oxides (SO <sub>x</sub> )	≤ 2.5 lbs/MMBtu	2-hour average

- (6) The owner/operator shall limit emissions from Emission Unit 017-03 (1.5 MW Combustion Turbine) in accordance with the applicable emission standards established in 40 CFR Part 60, Subpart GG, as referenced in paragraph (F)(1) of this condition.
- (7) The owner/operator shall limit emissions from the 'Blackline manual paint spray booth' and associated overspray control equipment to the quantities set forth in Table 43-A-7 below. These limits apply to any consecutive twelve (12) month period.

**Table 43-A-7: Emission Limits for the Blackline Manual Paint Spray Booth and Associated Equipment**

Pollutant Name	Emission Limit
Xylene	< 10.0 tons
All Other Individual Hazardous Air Pollutants	< 2.50 tons
Total Combined Hazardous Air Pollutants	< 25.0 tons

- (8) Unless subject to a more stringent emission limit set forth under the LLCAPCPRS, federal regulations, or a condition of this permit, the owner/operator shall operate all affected emission units included in the 'Permitted Source' in compliance with the following requirements, as applicable:
    - (a) Emissions of particulate matter shall be limited in accordance with the provisions set forth under Condition XXXIII of this permit;
    - (b) Emissions of sulfur oxides shall be limited in accordance with the provisions set forth under Condition XXXV of this permit; and
    - (c) Fugitive particulate emissions shall be limited in accordance with the provisions set forth under Condition XXXVI of this permit.
  - (9) In accordance with LLCAPCPRS Article 2, Section 22, paragraph (A)(14)(a), particulate matter emissions from all pyrolysis ovens associated with Emission Units 018-01 and 018-02 shall not exceed one-tenth of a grain per dry standard cubic foot (0.10 gr/dscf) of exhaust gas, corrected to twelve percent (12%) carbon dioxide. The exhaust gases contributed by the burning of a liquid or gaseous fuel shall be excluded.
- (B) Operating Requirements and Throughput Limits.**
- (1) The owner/operator shall operate Emission Unit 017-03 (1.5 MW Combustion Turbine) in accordance with the following requirements:
    - (a) The owner/operator shall combust only natural gas in the combustion turbine.
    - (b) The turbine shall utilize dry, low-nitrogen oxide (NOx) combustion design to limit NOx emissions.
    - (c) The owner/operator shall limit consumption of natural gas to no more than one hundred eighty (180) million standard cubic feet (MMcf) during any consecutive twelve (12) month period.
    - (d) The owner/operator shall restrict operation to the range of load levels from eighty-five percent (85%) through one hundred percent (100%). This requirement shall not apply in the case of start-ups or shutdowns.
  - (2) The Blackline manual paint spray booth shall be of an enclosed design that incorporates a fan induced downdraft to direct and capture paint overspray solids in a water reservoir located within the enclosed paint booth area. The fan and water reservoir system shall be properly operated and maintained. The manual spray paint booth shall be equipped with a manometer that will monitor the booth's exhaust system performance in terms of static pressure developed.

- (3) The owner/operator shall limit natural gas throughput associated with the equipment listed under paragraphs (A)(1)(a) through (A)(1)(c) of this condition to no more than 2,518 million standard cubic feet (MMscf) during any consecutive twelve (12) month period. Source-wide natural gas throughput shall be determined by calculating the sum of all natural gas deliveries to the natural gas meter(s) associated with the source. Compliance with this requirement shall be demonstrated by determining the monthly natural gas usage once a year on a calendar year basis.
  - (4) The owner/operator shall limit liquefied petroleum gas (LPG) throughput associated with the equipment listed under paragraphs (A)(1)(a) through (A)(1)(c) of this condition to no more than 28,293 thousand gallons (Mgal) during any consecutive twelve (12) month period. Source-wide LPG throughput shall be determined by calculating the sum of all LPG deliveries to the source for use in stationary combustion equipment. Compliance with this requirement shall be demonstrated by determining the monthly LPG deliveries once a year on a calendar year basis.
  - (5) The fabric filters associated with Emission Unit 002-01 (Frame Welding Wheelabrator) and the SMC sanding room associated with Emission Unit 015-03 (Jet Ski Manufacturing Sanding) shall be equipped with gauges capable of measuring pressure differential across the collector. The pressure differential for each filter shall be maintained within the normal operating ranges specified by the manufacturer or as determined by best KMM engineering judgment. The owner/operator shall post the normal operating range at the respective fabric filter.
  - (6) The secondary combustion chamber for all pyrolysis ovens associated with Emission Units 018-01 and 018-02 shall be equipped with an auxiliary burner(s) capable of heating and maintaining a minimum temperature of one thousand two hundred degrees Fahrenheit (1,200 °F) in the secondary chamber. The burner(s) shall be interlocked with operation of the primary combustion chamber so that the oven cannot be operated unless the secondary combustion chamber burner(s) is functioning.
- (C) Monitoring Requirements.
- (1) Within thirty (30) days of the end of each calendar month, the owner/operator shall calculate the emissions of the following pollutants for the previous calendar month:
    - (a) Facility-wide emissions of 'volatile organic compounds' (VOCs).
    - (b) Emissions of the greatest single HAP, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(2) of this condition.
    - (c) Emissions of the greatest single HAP, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(3) of this condition.
    - (d) Emissions of all individual HAPs listed in Table 43-A-4 of this permit, the greatest single HAP not listed in Table 43-A-4 of this permit, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(4) of this condition.
    - (e) Combustion of natural gas associated with Emission Unit 017-03 (1.5 MW Combustion Turbine). This requirement shall not apply if the unit remains off-line during the previous calendar month.
    - (f) Emissions of the xylene, the greatest single HAP except for xylene, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(7) of this condition.
  - (2) Within thirty (30) days of the end of each calendar month, the owner/operator shall calculate the rolling twelve (12) month emission totals for each of the following by adding the emissions of each pollutant for each calendar month to the emissions of each pollutant for the preceding eleven (11) calendar months:

- (a) Facility-wide emissions of 'volatile organic compounds' (VOCs).
  - (b) Emissions of the greatest single HAP, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(2) of this condition.
  - (c) Emissions of the greatest single HAP, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(3) of this condition.
  - (d) Emissions of all individual HAPs listed in Table 43-A-4 of this permit, the greatest single HAP not listed in Table 43-A-4 of this permit, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(4) of this condition.
  - (e) Combustion of natural gas associated with Emission Unit 017-03 (1.5 MW Combustion Turbine). This requirement shall not apply if the unit remains off-line during the preceding eleven (11) calendar months.
  - (f) Emissions of the xylene, the greatest single HAP except for xylene, as well as the total combined HAPs associated with the equipment listed in paragraph (A)(7) of this condition.
- (3) The owner/operator shall perform hourly observations of the load level associated with Emission Unit 017-03 (1.5 MW Combustion Turbine), and shall record the load level observed. This requirement shall not apply when the unit is off-line.
- (4) The owner/operator shall utilize a fuel flow meter to monitor the natural gas consumption associated with Emission Unit 017-03 (1.5 MW Combustion Turbine). This meter shall be properly calibrated and maintained in accordance with manufacturer specifications.
- (5) The owner/operator shall monitor natural gas sulfur content of natural gas combusted in Emission Unit 017-03 (1.5 MW Combustion Turbine) using one of the methods prescribed in 40 CFR Part 60, Subpart GG §60.335 paragraph (d), or using the alternative monitoring method approved by U.S. EPA Region VII<sup>2</sup> (Gas Processors Association Standard 2377) to determine the sulfur content of the natural gas, except that ASTM D3031-81 may not be used. After the owner/operator has collected at least thirty (30) days of sulfur content data, the owner/operator may request that the Administrator approve a custom fuel sulfur monitoring schedule for the combustion turbine's natural gas supply. This requirement shall not apply while the unit is off-line.
- (6) The owner/operator shall observe the static pressure of the overspray control system associated with the Blackline manual paint spray booth once during each calendar month to ensure that it is being maintained in the operating range specified by the manufacturer. If the static pressure is observed to be outside of the normal operating range, the owner/operator shall take the necessary corrective action(s) to return the system to the normal operating range.
- (7) The owner/operator shall demonstrate compliance with the requirement set forth in Condition XXXIII(C) of this permit by conducting visible emission surveys of the emission units identified in the 'Visual Observation Zones' established in Attachment C of this permit, as well as any other emission units as deemed necessary to demonstrate compliance. For the purposes of this permit, these visible emission surveys shall be conducted once during each calendar month in accordance with the following procedure:
- (a) The person(s) conducting the visible emission survey shall be 'trained in EPA Test Method 9'. For the purpose of this requirement, 'trained in EPA Test Method 9' shall mean that the person(s) conducting the visible emission survey(s) has attended a visible emissions certification program

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<sup>2</sup> – Approval of the alternative monitoring method was granted by U.S. EPA Region VII in a letter to Kawasaki Motors Manufacturing Corp., U.S.A. dated November 1, 2002.

- and has participated in the classroom and field observation exercises, and must receive EPA Test Method 9 certification at least once every five (5) years. For the purposes of this condition, the owner/operator shall have an individual 'trained in EPA Test Method 9' no later than January 1, 2016. In the interim period commencing on the date of issuance of this permit, and ending December 31, 2015, these visible emission surveys shall be conducted by an individual who has completed the classroom portion of the EPA Test Method 9 certification requirements.
- (b) The visible emission survey for each 'Visual Observation Zone' shall consist of a six (6) minute observation, at the end of which the person(s) conducting the visible emission survey(s) shall record the following:
- (i) The 'Visual Observation Zone' for which the visible emission survey was conducted;
  - (ii) The name of the person conducting the visible emission survey;
  - (iii) The date and time of the visible emission survey;
  - (iv) The presence or absence of visible emissions (except water vapor);
  - (v) The opacity of any observed visible emissions (except water vapor) recorded every fifteen (15) seconds in increments of five percent (5%);
  - (vi) The average opacity of any observed visible emissions for the six (6) minute observation period; and
  - (vii) For any emission point(s) exhibiting visible emissions equal to or greater than twenty percent (20%) (except water vapor), record the emission unit number(s) associated with the emission point(s). For the purpose of this requirement, 'emission point' shall mean any stack, vent, or similar aperture through which emissions are exhausted.
- (c) If the six (6) average opacity of visible emissions (except water vapor) from all emission points within the respective 'Visual Observation Zone' is less than twenty percent (20%) opacity, the person(s) conducting the visible emission survey shall record the observation and no further action is necessary.
- (d) If the six (6) minute average opacity of visible emissions (except water vapor) from any emission point(s) within the respective 'Visual Observation Zone' equals or exceeds twenty percent (20%) opacity during the visible emission survey, the owner/operator shall complete the necessary initial corrective action(s) (Corrective Action 1) to eliminate the excess visible emissions no later than one (1) hour after excess visible emissions are detected, then proceed with the actions specified under paragraph (C)(7)(e) of this condition.
- (e) Once Corrective Action 1 has been performed, the person(s) conducting the visible emission survey shall record the corrective action(s) taken and perform the first post-corrective action six (6) minute visible emission survey (Correction Survey 1) to ensure that the corrective action(s) addressed the excess visible emissions. Correction Survey 1 must be initiated no more than one (1) hour after completion of Corrective Action 1. Once Correction Survey 1 is complete, the person(s) conducting the survey shall proceed as follows:
- (i) If the six (6) minute average opacity of visible emissions (except water vapor) observed during Correction Survey 1 is less than twenty percent (20%) opacity, the person(s) conducting the survey shall record the observation and no further action is necessary.



- (ii) If the six (6) minute average opacity of visible emissions (except water vapor) observed during Correction Survey 1 equals or exceeds twenty percent (20%) opacity, the person conducting the survey shall record the items in paragraphs (C)(7)(b)(ii)-(v) of this condition, and the owner/operator shall proceed with the procedures in paragraph (C)(7)(f) below.
- (f) If necessary according to paragraph (C)(7)(e)(ii) above, the owner/operator shall perform additional corrective action(s) (Corrective Action 2). Once Corrective Action 2 has been performed, the person(s) conducting the visible emission survey shall record the corrective action(s) taken and perform the second post-corrective action six (6) minute visible emission survey (Correction Survey 2) to ensure that the corrective action(s) addressed the excess visible emissions. Correction Survey 2 must be initiated no more than one (1) hour after completion of Corrective Action 2. Once Correction Survey 2 is complete, the person(s) conducting the survey shall proceed as follows:
  - (i) If the six (6) minute average opacity of visible emissions (except water vapor) observed during Correction Survey 2 is less than twenty percent (20%) opacity, the person(s) conducting the survey shall record the observation and no further action is necessary.
  - (ii) If the six (6) minute average opacity of visible emissions (except water vapor) observed during Correction Survey 2 equals or exceeds twenty percent (20%) opacity, the person conducting the survey shall record the items in paragraphs (C)(7)(b)(ii)-(v) of this condition, and within one (1) hour of Correction Survey 2, the owner/operator shall notify the Department of the failed visible emission survey by calling the Air Quality Program at (402) 441-8040. If the episode occurs outside of the Department's normal business hours (8:00 am to 4:30 pm, Monday through Friday), the owner/operator shall notify the Department no later than 9:00 am on the following business day.
  - (iii) If Corrective Action 2 fails to adequately reduce visible emissions, as evidenced by Correction Survey 2 resulting in an average opacity of equal to or greater than twenty percent (20%), the owner/operator shall continue with additional corrective action(s) (Corrective Actions 3, 4, 5, etc.) and additional post-corrective action surveys (Correction Surveys 3, 4, 5, etc.) until compliance with the opacity limit set forth in Condition XXXIII(C) of this permit is achieved. The owner/operator shall maintain records all corrective actions(s) and visible emission surveys performed. Visible emission survey records shall include all information required under paragraphs (C)(7)(b)(ii)-(v) of this condition.
  - (iv) If the corrective action(s) performed successfully reduce the average opacity of visible emissions to less than twenty percent (20%), the owner/operator shall notify the Department by calling the Air Quality Program at (402) 441-8040 no more than two (2) business days after completion of the final post-corrective action survey.
- (g) If the observer is unable to conduct a visible emission survey or a follow-up visible emission survey due to visual interferences caused by other visible emission sources (e.g. fugitive emissions during high wind conditions), extreme weather conditions (e.g. fog, heavy rain, or snow which impair visibility), or operations that occur after dark, the observer shall note such

conditions on the data observation sheet, and conduct a follow-up visible emissions survey as soon as conditions allow.

- (h) Opacity monitoring is not required during startups, shutdowns, malfunctions, or during load/performance testing.
- (8) For the equipment specified in paragraph (B)(5) of this condition, the owner/owner operator shall observe and record each fabric filter pressure differential on a monthly basis to ensure that each fabric filter is being maintained within the operating ranges specified by the manufacturer or as determined by best KMM engineering judgment. If the fabric filter pressure differential is not within the specified operating range, the owner/operator shall perform the necessary corrective action within twenty-four (24) hours of the original observation.
- (9) For the pyrolysis ovens associated with Emission Units 018-01 and 018-02, the owner/owner operator shall observe and record the secondary combustion chamber temperature on a daily basis to ensure that the secondary combustion temperature is being maintained at or above the minimum operating temperatures specified in paragraph (B)(6) of this condition. If the afterburner chamber temperature is not at or above the specified minimum operating temperature, the owner/operator shall perform the necessary corrective action within twenty-four (24) hours of the original observation.
- (D) Record Keeping Requirements.
  - (1) The owner/operator shall maintain records of natural gas use calculated in accordance with paragraph (B)(3) of this condition on a calendar year basis.
  - (2) The owner/operator shall maintain records of LPG use calculated in accordance with paragraph (B)(4) of this condition on a calendar year basis.
  - (3) The owner/operator shall maintain copies of Material Safety Data Sheets (MSDS) or other records as necessary to demonstrate VOC and/or HAP content for all VOC and HAP-containing materials used on-site.
  - (4) The owner/operator shall maintain records of all monthly emission calculations required under paragraph (C)(1) of this condition.
  - (5) The owner/operator shall maintain records of all rolling twelve (12) month emission calculations required under paragraph (C)(2) of this condition.
  - (6) The owner/operator shall maintain the following records to demonstrate compliance with the requirements set forth in paragraph (B)(1) of this condition:
    - (a) Monthly records of the quantity of natural gas combusted (if any); and
    - (b) Records of the percent load at which the turbine is operated between start-up and shutdown.
  - (7) The owner/operator shall maintain records of all static pressure observations performed on the Blackline manual paint spray booth's overspray control system. The owner/operator shall also record any corrective action(s) taken, when necessary, to return the overspray control system to the normal operating range.
  - (8) The owner/operator shall maintain records of all visible emission surveys and/or EPA Test Method 9 observations required under paragraph (C)(6) of this condition. The records shall contain all information and data required under paragraph (C)(6) of this condition.
  - (9) The owner/operator shall maintain records of all fabric filter pressure differential observations required under paragraph (C)(8) of this condition. These records shall also include any corrective action(s) taken to return the equipment to the normal operating range, if necessary.
  - (10) The owner/operator shall maintain records of all secondary combustion chamber temperature readings required under paragraph (C)(9) of this condition. These records shall also include any corrective action(s) taken to return the equipment to the required operating range, if necessary.

- (11) All records required by this condition shall be maintained in accordance with the requirements set forth under Condition XIX of this permit.
- (E) Reporting Requirements.
  - (1) No later than March 31 of each year, the owner/operator shall report all rolling twelve (12) month emission and/or throughput totals calculated according to the requirements set forth under paragraph (C)(2) of this condition for the previous calendar year.
  - (2) Within forty-five (45) days of the end of each semi-annual period (calendar basis), the owner/operator shall submit a report for Emission Unit 017-03 (1.5 MW Combustion Turbine). This requirement shall not apply if the unit remains off-line for the duration of the calendar quarter. For the purposes of this condition, the owner/operator may submit this report (if required) in conjunction with semi-annual monitoring and deviation reports required under a permit issued pursuant to 40 CFR Part 70 (i.e. a Title V operating permit). This report, if required, shall contain the following information:
    - (a) Fuel sulfur content, as determined in accordance with the applicable sulfur content monitoring and testing provisions set forth under paragraph (F)(1) of this condition.
    - (b) Minimum and maximum hourly load levels during each month of the semi-annual period; and
    - (c) Average load level for each month of the semi-annual period.
  - (3) The owner/operator shall notify the Department, in writing, if the average hourly load of Emission Unit 017-03 (1.5 MW Combustion Turbine) falls below 85%, except during periods of start-up and shut down. This notification must be provided within forty-eight (48) hours of the event.
  - (4) In accordance with the requirements set forth under Condition XV of this permit, the owner/operator shall report all emissions associated with the emission units for which this permit is issued, as well as any emission units added subsequent to issuance of this permit, on an annual basis. This report shall be submitted no later than March 31 of each year. For the purposes of this condition, the report submitted according to paragraph (E)(1) of this condition can be used to satisfy the annual emission inventory reporting requirement.
  - (5) For the purposes of paragraph (E)(4) of this condition, and also for the purposes of demonstrating compliance with the emission limits set forth in paragraph (A)(8) of this condition, the owner/operator shall calculate emissions as follows:
    - (a) Emissions resulting from VOC- and HAP-containing chemical/material use shall be calculated using material mass-balance equations, or best engineering calculations.
    - (b) Emissions resulting from fuel combustion processes shall be calculated using emission factors derived from the EPA's 'WebFIRE' online database, the 5<sup>th</sup> Edition of EPA's AP-42, and/or manufacturer emissions data.
    - (c) Emissions from all other processes not specified in paragraphs (E)(5)(a) and (E)(5)(b) above, (E)(5)(d) below, as well as any processes added subsequent to the issuance of this permit included in Attachment A shall be calculated using emission test data, continuous emission monitoring data, material mass-balance equations, best engineering calculations, emission factors derived from the EPA's 'WebFIRE' online database, emission factors derived from the 5<sup>th</sup> Edition of EPA's AP-42, EPA-approved emission modeling software, and/or manufacturer emissions data, as determined to be the appropriate emission calculation method(s) by the source.

- (d) Emissions associated with Emission Unit 017-03 (1.5 MW Combustion Turbine) using the emission factors established in Table 43-E-5d below, unless subsequent performance testing provides more accurate data. This requirement shall not apply when the unit is off-line for the duration of the calendar year.

**Table 43-E-5d: Emission Factors for 1.5 MW Combustion Turbine  
for Annual Emission Inventory**

Pollutant Name	Emission Factor
Particulate matter <10 micrometers in diameter (PM <sub>10</sub> )	7.4 lbs/MMcf
Particulate matter <2.5 micrometers in diameter (PM <sub>2.5</sub> )	7.4 lbs/MMcf
Oxides of Nitrogen (NO <sub>x</sub> )	72.9 lbs/MMcf <sup>3</sup>
Sulfur Dioxide (SO <sub>2</sub> )	2.3 lbs/MMcf
Volatile Organic Compounds (VOC)	2.8 lbs/MMcf
Carbon Monoxide (CO)	14.3 lbs/MMcf
Total Combined Hazardous Air Pollutants	4.18 lbs/MMcf
<b>Note:</b> "lbs/MMcf" means pounds per million cubic feet of natural gas combusted.	

- (6) The owner/operator shall maintain compliance with the reporting requirements set forth under paragraphs (F)(1), and (G)(1) through (G)(5) of this condition.
- (F) New Source Performance Standard (NSPS) Requirements.
- (1) The owner/operator shall operate Emission Unit 017-03 (1.5 MW Combustion Turbine) in accordance with the applicable provisions of 40 CFR Part 60, Subpart GG (Standards of Performance for Stationary Gas Turbines). The provisions cited in Table 43-F-1 below (referenced by section number, section name, and paragraph only) apply to the 1.5 MW Combustion Turbine:

**Table 43-F-1: Applicable Requirements of 40 CFR Part 60, Subpart GG  
for Emission Unit 017-03**

Section (§)	Section Name	Applicable Paragraphs
§60.330	Applicability and Designation of Affected Facility	(a)-(b)
§60.331	Definitions	Entire Section
§60.332	Standard for Nitrogen Oxides	(a)(2)-(3), (c)-(d)
§60.333	Standard for Sulfur Dioxide	(a) or (b), as elected by owner/operator
§60.334	Monitoring of Operations	(b)(2), (c)(2)
§60.335	Test Methods and Procedures	(b), (c)(1)-(3) <sup>4</sup> , (d)-(e)
Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

<sup>3</sup> – This emission factor was developed as a result of emission testing performed at 100% load conditions, and in accordance with the test methods and procedures set forth in 40 CFR Part 60, Subpart GG §60.335

<sup>4</sup> – The requirement to conduct performance testing has already been fulfilled by the owner/operator.

- (2) The owner/operator shall operate Emission Unit 025-01 (175 kw Emergency Generator) in accordance with the applicable provisions of 40 CFR Part 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (CI ICE)). The provisions cited in Table 43-F-2 below (referenced by section number, section name, and paragraph only) Emission Unit 025-01:

**Table 43-F-2: Applicable Requirements of 40 CFR Part 60, Subpart IIII for Emergency Diesel Generator(s)**

Section (§)	Section Name	Applicable Paragraphs
§60.4200	Affected Sources	(a)(2)(i), (a)(4), (c)
§60.4205	Emission Standards for Owners/Operators of Emergency Stationary CI ICE	(b)
§60.4206	Duration of Emission Standard Compliance for Owners/Operators of Stationary CI ICE	Entire section
§60.4207	Fuel Requirements for Owners/Operators of Stationary CI ICE	(b)
§60.4209	Monitoring Requirements	(a)
§60.4211	Compliance Requirements for Owners/Operators of Stationary CI ICE	(c), (f)
§60.4214	Notification, Reporting, and Record Keeping Requirements for Owners/Operators of Stationary CI ICE	(b)
§60.4218	Applicable General Provisions	See Table 8 of Subpart IIII
§60.4219	Definitions	Entire section
<b>Note:</b> Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

- (3) The owner/operator shall comply with all applicable provisions set forth in 40 CFR Part 60, Subpart A (NSPS General Provisions) as they apply to Emission Unit 017-03 (1.5 MW Combustion Turbine) in accordance with 40 CFR Part 60, Subpart GG, and also as they apply to Emission Unit 025-01 (175 kw Emergency Generator) in accordance with 40 CFR Part 60, Subpart IIII.
- (G) National Emission Standards for Hazardous Air Pollutants – Maximum Achievable Control Technology (NESHAP MACT) Requirements.
- (1) The owner/operator shall comply with all applicable requirements set forth in 40 CFR Part 63, Subpart MMMM (NESHAP for Surface Coating of Miscellaneous Metal Parts and Products). The provisions cited in Table 43-G-1 below (referenced by section number, section name, and paragraph only) apply to the surface coating of any metal parts or products with surface coating materials that contain organic HAPs:

**Table 43-G-1: Applicable Requirements of 40 CFR Part 63, Subpart MMMM**

Section (§)	Section Name	Applicable Paragraphs
§63.3880	Purpose	Entire section
§63.3881	Subject Emission Sources	(a)(1)-(2), (b), (c)(15)-(16), (e)(1)
§63.3882	Affected Sources	(a)-(b), (e)

**Table 43-G-1: Applicable Requirements of 40 CFR Part 63, Subpart Mmmm**

Section (§)	Section Name	Applicable Paragraphs
§63.3883	Compliance Dates	(b), (d)
§63.3890	Emission Limits	(b)(1)
§63.3891	Compliance Options	(b)
§63.3892	Operating Limits	(a)
§63.3893	Work Practice Standards	(a)
§63.3900	General Compliance Requirements	(a)(1), (b)
§63.3901	Applicable General Provisions	Entire section; also see Table 2 of Subpart Mmmm
§63.3910	Notification Requirements	(a), (b) <sup>5</sup> , (c)(1)-(7), (c)(8)(ii)
§63.3920	Reporting Requirements	(a)(1)(i)-(ii), (a)(1)(iv), (a)(2), (a)(3)(i)-(v), (a)(4), (a)(6)
§63.3930	Record Keeping Requirements	(a)-(b), (c)(1), (c)(3), (d)-(h), (j)
§63.3931	Record Retention Requirements	Entire section
§63.3950	Initial Compliance Demonstration Date for Emission Rate Without Add-On Controls Option	Entire section
§63.3951	Initial Compliance Demonstration for Emission Rate Without Add-On Controls Option	Entire section
§63.3952	Demonstrating Continuous Compliance for Emission Rate Without Add-On Controls Option	Entire section
§63.3980	Implementation and Enforcement	Entire section
§63.3981	Definitions	Entire section
Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

- (2) The owner/operator shall comply with all applicable requirements set forth in 40 CFR Part 63, Subpart Pppp (NESHAP for Surface Coating of Plastic Parts and Products). The provisions cited in Table 43-G-2 below (referenced by section number, section name, and paragraph only) apply to the surface coating of any plastic parts or products with surface coating materials that contain organic HAPs:

**Table 43-G-2: Applicable Requirements of 40 CFR Part 63, Subpart Pppp**

Section (§)	Section Name	Applicable Paragraphs
§63.3880	Purpose	Entire section
§63.4481	Subject Emission Sources	(a)-(c), (e)
§63.4482	Affected Sources	(a)-(b), (e)
§63.4483	Compliance Dates	(b), (d)
§63.4490	Emission Limits	(b)(1)

<sup>5</sup> - The owner/operator has already fulfilled the requirement to submit initial notifications for Subpart Mmmm.

**Table 43-G-2: Applicable Requirements of 40 CFR Part 63, Subpart PPPP**

Section (§)	Section Name	Applicable Paragraphs
§63.4491	Compliance Options	(a) and/or (b)
§63.4492	Operating Limits	(a)
§63.4493	Work Practice Standards	(a)
§63.4500	General Compliance Requirements	(a)(1), (b)
§63.4501	Applicable General Provisions	See Table 2 of Subpart PPPP
§63.4510	Notification Requirements	(a), (b) <sup>6</sup> , (c)(1) through (c)(7), (c)(8)(ii)
§63.4520	Reporting Requirements	(a)(1)-(2), (a)(3)(i)-(v), (a)(4), (a)(6)
§63.4530	Record Keeping Requirements	(a)-(b), (c)(1), (c)(3), (d)-(h)
§63.4531	Record Retention Requirements	Entire section
§63.4550	Initial Compliance Demonstration Date for Emission Rate Without Add-On Controls Option	Entire section
§63.4551	Initial Compliance Demonstration for Emission Rate Without Add-On Controls Option	Entire section
§63.4552	Demonstrating Continuous Compliance for Emission Rate Without Add-On Controls Option	Entire section
§63.4580	Implementation and Enforcement	Entire section
§63.4581	Definitions	Entire section
Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

- (3) The owner/operator shall comply with all applicable requirements set forth in 40 CFR Part 63, Subpart VVVV (NESHAP for Boat Manufacturing). The provisions cited in Table 43-G-3 below (referenced by section number, section name, and paragraph only) apply to boat and personal watercraft manufacturing:

**Table 43-G-3: Applicable Requirements of 40 CFR Part 63, Subpart VVVV**

Section (§)	Section Name	Applicable Paragraphs
§63.5680	Purpose	Entire section
§63.5683	Subject Emission Sources	Entire section
§63.5689	Affected Sources	Entire section
§63.5692	New and Existing Sources Defined	(b)
§63.5695	Compliance Dates	See Table 1 of Subpart VVVV
§63.5728	Standards for Closed Molding Operations	(a)
§63.5734	Standards for Resin and Gel-Coat Application Equipment Cleaning Operations	Entire section

<sup>6</sup> - The owner/operator has already fulfilled the requirement to submit initial notifications for Subpart PPPP

**Table 43-G-3: Applicable Requirements of 40 CFR Part 63, Subpart VVVV**

Section (§)	Section Name	Applicable Paragraphs
§63.5737	Demonstrating Compliance with the Resin and Gel-Coat Application Equipment Cleaning Standards	Entire section
§63.5758	Determining Organic HAP Content of Cleaning Solvents	(a)
§63.5761	Notification Requirements	Entire section
§63.5764	Reporting Requirements	(a)-(c)
§63.5767	Record Keeping Requirements	(a)-(b), (c)(1)
§63.5770	Record Keeping Format and Records Retention Times	Entire section
§63.5773	Applicable General Provisions	See Table 8 of Subpart VVVV
§63.5776	Implementation and Enforcement	Entire section
§63.5779	Definitions	Entire section
Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

- (4) The owner/operator shall comply with all applicable requirements set forth in 40 CFR Part 63, Subpart WWWW (NESHAP for Reinforced Plastic Composites Production). The provisions cited in Table 43-G-4 below (referenced by section number, section name, and paragraph only) apply to the production of reinforced plastic composites:

**Table 43-G-4: Applicable Requirements of 40 CFR Part 63, Subpart WWWW**

Section (§)	Section Name	Applicable Paragraphs
§63.5780	Purpose	Entire section
§63.5785	Subject Emission Sources	(a)-(b)
§63.5787	Applicability to Boat Manufacturing Facilities	Entire section
§63.5790	Affected Sources	Entire section
§63.5795	New and Existing Sources Defined	(b)
§63.5796	Organic HAP Emission Factors & Use	See Table 1 of Subpart WWWW
§63.5797	Determining Organic HAP Content of Resins and Gel Coats	Entire section
§63.5798	Determining Organic HAP Emissions from Application Technologies Not Represented in Table 1 to Subpart WWWW	Entire section
§63.5799	Calculating Organic HAP on a Ton Per Year (tpy) Basis for §63.5808 Applicability Purposes	Entire section
§63.5800	Compliance Dates	See Table 2 of Subpart WWWW
§63.5805	Compliance Standards	(b); also See Table 4 of Subpart WWWW
§63.5835	General Compliance Requirements	(a), (c)



**Table 43-G-4: Applicable Requirements of 40 CFR Part 63, Subpart WWWW**

Section (§)	Section Name	Applicable Paragraphs
§63.5860	Demonstrating Initial Compliance	(a)
§63.5895	Monitoring/Data Collection for Demonstrating Continuous Compliance	(c)-(d)
§63.5900	Demonstrating Continuous Compliance	(a)(4), (b)-(c), (e)
§63.5905	Notification Requirements	(a)-(b); also See Table 13 of Subpart WWWW
§63.5910	Reporting Requirements	(a)-(b), (c)(1)-(5), (d), (f)-(i); also See Table 14 of Subpart WWWW
§63.5915	Record Keeping Requirements	(a), (d)
§63.5920	Record Retention Requirements	Entire section
§63.5925	Applicable General Provisions	See Table 15 of Subpart WWWW
§63.5930	Implementation and Enforcement	Entire section
§63.5935	Definitions	Entire section
Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

- (5) The owner/operator shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ (NESHAP for Stationary Reciprocating Internal Combustion Engines). The provisions cited in Table 43-G-5 below (referenced by section number, section name, and paragraph only) apply EU 025-01 (175 kw Emergency Generator):

**Table 43-G-5: Applicable Requirements of 40 CFR Part 63, Subpart ZZZZ for Emission Unit 025-01**

Section (§)	Section Name	Applicable Paragraphs
§63.6580	Purpose	Entire section
§63.6585	Subject Emission Sources	(a)-(b)
§63.6590	Affected Sources	(a)(2)(ii), (c)(6)
§63.7575	Definitions	Entire section
Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

- (6) The owner/operator shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ (NESHAP for Stationary Reciprocating Internal Combustion Engines). The provisions cited in Table 43-G-6 below (referenced by section number, section name, and paragraph only) apply EU 025-02 (300 hp Emergency Fire Pump Engine):

**Table 43-G-6: Applicable Requirements of 40 CFR Part 63, Subpart ZZZZ for Emission Unit 025-02**

Section (§)	Section Name	Applicable Paragraphs
§63.6580	Purpose	Entire section
§63.6585	Subject Emission Sources	(a)-(b)

**Table 43-G-6: Applicable Requirements of 40 CFR Part 63, Subpart ZZZZ for  
Emission Unit 025-02**

Section (§)	Section Name	Applicable Paragraphs
§63.6590	Affected Sources	(a)(1)(ii)
§63.6595	Compliance Date	(a)(1)
§63.6604	Fuel Requirements for Owners & Operators of Stationary CI RICE	(b)
§63.6605	General Compliance Requirements	Entire section
§63.6612	Initial Performance Tests and/or Compliance Demonstrations	(a)*
§63.6625	Monitoring, Installation, Collection, Operation, and Maintenance Requirements	(e)(2), (f)
§63.6630	Demonstrating Initial Compliance	(a)
§63.6640	Demonstrating Continuous Compliance with the Emission Limitations, Operating Limitations, and Other Requirements	(a), (f)(1)-(3); also see item 9 in Table 6 of Subpart ZZZZ
§63.6645	Notification Requirements	(a)(5)
§63.6655	Record Keeping Requirements	(e)(2), (f)(1)
§63.6660	Record Retention Requirements	Entire section
§63.6665	Applicable General Provisions	Entire section; also see Table 8 of Subpart ZZZZ
§63.6670	Implementation and Enforcement	Entire section
§63.7575	Definitions	Entire section
<p>Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.</p> <p>* - There are no applicable emission limits nor performance test requirements for emergency CI RICE at major sources.</p>		

- (7) The owner/operator shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD (NESHAP for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters). The provisions cited in Table 43-G-7 below (referenced by section number, section name, and paragraph only) apply to natural gas-fired boilers and process heaters with heat input ratings less than ten million British thermal units per hour (< 10 MMBtu/hr):

**Table 43-G-7: Applicable Requirements of 40 CFR Part 63, Subpart DDDDD for Natural Gas Boilers & Process Heaters < 10 MMBtu/hr**

Section (§)	Section Name	Applicable Paragraphs
§63.7480	Purpose	Entire section
§63.7485	Subject Emission Sources	Entire section
§63.7490	Affected Sources	(a)-(d)
§63.7491	Boilers and Process Heaters Not Subject to 40 CFR Part 63, Subpart DDDDD	(c)-(d)
§63.7495	Compliance Dates	(a)-(b), (d)
§63.7499	Boiler and Process Heater Subcategories	(l)

**Table 43-G-7: Applicable Requirements of 40 CFR Part 63, Subpart DDDDD for Natural Gas Boilers & Process Heaters < 10 MMBtu/hr**

Section (§)	Section Name	Applicable Paragraphs
§63.7500	Emission Limits, Work Practice Standards, and Operating Limits	(a); also see Table 3 of Subpart DDDDD
§63.7501	Asserting Affirmative Defense for Exceeding Emission Limits during Malfunctions	(a)-(b)
§63.7505	General Compliance Requirements	(a), (c)
§63.7510	Initial Compliance Requirements and Compliance Dates	(e)-(f)
§63.7515	Requirements for Subsequent Performance Tests, Fuel Analyses, and Tune-Ups	(e)
§63.7530	Demonstrating Initial Compliance with Emission Limits, Fuel Specifications, and Work Practice Standards	(d)-(f)
§63.7540	Demonstrating Continuous Compliance with Emission Limits, Fuel Specifications, and Work Practice Standards	(a)(11)-(12)
§63.7545	Notification Requirements	(a)-(c), (f), (h)
§63.7550	Reporting Requirements	(a)-(c), (f); also See Table 9 of Subpart DDDDD
§63.7555	Record Keeping Requirements	(a), (h)
§63.7560	Record Retention Requirements	Entire section
§63.7565	Applicable General Provisions	See Table 10 of Subpart DDDDD
§63.7570	Implementation and Enforcement	Entire section
§63.7575	Definitions	Entire section
Note: Unless otherwise specified, all sub-paragraphs included under the respective paragraphs of this subpart above are also included as applicable requirements of this permit.		

**(H) Other Requirements.**

- (1) Any VOC-emitting emission units and/or equipment added subsequent to the issuance of this permit, which do not require permitting pursuant to LLCAPCPRS Article 2, Sections 17 and/or 19, shall be added for inclusion in Attachment A of this permit, with the exception of the following:
  - (a) Stationary combustion equipment that combusts only natural gas and/or LPG for the purpose of space heating and/or cooling, heating water (except boilers), and heating food;
  - (b) Mobile source equipment; and
  - (c) Equipment associated with office activities, janitorial activities, facility maintenance (provided that such maintenance is not conducted as part of a manufacturing process), food preparation, laundry activities, laboratory equipment (including calibration and maintenance equipment), research and development activities, and other activities deemed insignificant by the Department.

- (2) For equipment added according to paragraph (H)(1) of this condition, the owner/operator shall replace the existing version of Attachment A with an updated copy of Attachment A upon receipt from the Department.

**END OF PERMIT CONDITIONS**

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Attachment A

The following is a list of VOC-emitting equipment added to the permitted source subsequent to issuance of the permit.				This list is current as of: <b>06 – 01 – 2015</b>	
Equipment Description	Equipment Emission Unit	Date Added	Pollutant Nearest to Triggering Permitting Thresholds	Pollutant P.T.E. (tpy)	Permitting Threshold (tpy)

### Attachment B

Regulations for which a Permit Shield is provided are as follows:

Regulation Citation	Emission Unit/ Equipment	Reason for Non-Applicability
40 CFR Part 60, Subpart Dc	017-01 & 017-02	Boilers are all less than 10 MMBtu/hr heat input.
40 CFR Part 60, Subpart Kb	Petroleum Storage Tanks	Petroleum storage tanks all have capacities less than 40 cubic meters.
40 CFR Part 60, Subpart CCCC	018	Units meet definition of ' <i>part, rack, and drum reclamation units</i> ', and are exempt under §60.2020 paragraph (k).
40 CFR Part 60, Subpart DDDD	018	Units meet definition of ' <i>part, rack, and drum reclamation units</i> ', and are exempt under §60.2555 paragraph (k).
40 CFR Part 60, Subpart IIII	025-02	Engine was installed prior to applicability date.
40 CFR Part 63, Subpart N	Entire Facility	Chrome-plated products used at KMM are acquired from external sources.
40 CFR Part 63, Subpart Q	004-04 & 015-07	Chromium-based water treatment chemicals are not used at KMM.
40 CFR Part 63, Subpart R	016	KMM does not receive gasoline by pipeline, ship, or barge, and gasoline throughput is less than 75,700 liters/day. Does not meet definition of ' <i>bulk gasoline terminal</i> '.
40 CFR Part 63, Subpart T	Entire Facility	KMM does not use halogenated solvent cleaning machines.
40 CFR Part 63, Subpart III	Entire Facility	KMM does not perform this type of process. Foam seats are acquired from external sources.
40 CFR Part 63, Subpart YYYY	017-03	1.5 MW combustion turbine was constructed prior to January 14, 2003, and is existing source. §63.6090 paragraph (b)(4) exempts existing sources.
40 CFR Part 63, Subpart P PPPP	012-02, 013-02, 014-02, 015-06, & 025-04	KMM tests engines <u>after</u> installation in final product, thus does not meet the definition of a test cell/stand in §63.9285 paragraph (a).
40 CFR Part 63, Subpart CCCCCC	016	KMM is a ' <i>major source</i> ' of HAP, and this rule applies only to ' <i>area sources</i> ' of HAP.
40 CFR Part 64	Entire Facility	Control equipment at KMM is not used to control any criteria pollutants that qualify KMM as a major source. Pollutant emissions controlled by these devices would remain below major source thresholds in the absence of emission controls.
40 CFR Part 68	Entire Facility	KMM does not store any regulated substances in excess of the threshold quantities.
LLCAPCPRS Article 2, Section 3	Entire Facility	This section is 'reserved' and contains no rules or regulations.
LLCAPCPRS Article 2, Section 9	Entire Facility	KMM is a 'specific' Class I source, and does not qualify for a general operating permit.
LLCAPCPRS Article 2, Section 10	Entire Facility	KMM is not a temporary source.
LLCAPCPRS Article 2, Section 21	Entire Facility	Control equipment at KMM is not used to control any criteria pollutants that qualify KMM as a major source. Pollutant emissions controlled by these devices would remain below major source thresholds in the absence of emission controls.

### Attachment B

Regulations for which a Permit Shield is provided are as follows:

Regulation Citation	Emission Unit/ Equipment	Reason for Non-Applicability
LLCAPCPRS Article 2, Section 25	Entire Facility	This section applies only to nitric acid plants.
LLCAPCPRS Article 2, Section 26	Entire Facility	KMM is not an acid rain source, and all electricity generated by 1.5 MW combustion turbine, if any, will be used internally by KMM.
LLCAPCPRS Article 2, Section 30	Entire Facility	This section is 'reserved' and contains no rules or regulations.
LLCAPCPRS Article 2, Section 31	Entire Facility	This section is 'reserved' and contains no rules or regulations.

## Attachment C

### Visual Observation Zones

